

JAPANESE PATENT OFFICE -- Patent Abstracts of Japan

B117

Publication Number: 04307523 A

Date of Publication: 1992.10.29

Int.Class: G02F 1/167

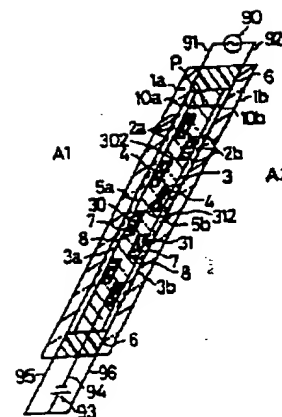
Date of Filing: 1991.04.05

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ELECTROPHORETIC DISPLAY ELEMENT

Abstract:

PURPOSE: To decrease the difference in and light shielding quantity in the boundary parts between block chambers when striped or meshed transparent block members are colored and light shielded in a display part by the dispersion of electrophoretic particles in a dispersion medium at the time of light shielding driving, thereby uniformizing the colors and light shielding quantity, improving appearance and preventing the partial transmission of incident light without being colored by the above-mentioned colors.

CONSTITUTION: The striped or meshed transparent block members 3 of the electrophoretic display element have the plural one end side block chambers 30 and plural other end side block chambers 31 opening with deviation in position in the thickness direction S1 and the directions S2, S3 perpendicular thereto respectively on the one end face 3a side and other end face 3b side facing a 1st transparent substrate 1a and a 2nd transparent substrate 1b and are so constituted that there are no parts where either of the one end side block chambers 30 and the other end side block chambers 31 do not exist over the entire surface of a sealing space P when the light is projected in a visual observation direction.



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